



Dart Aerospace Ltd.
1270 Aberdeen St
Hawkesbury, ON
K6A 1K7
Canada

Tel (613) 632-5200
Fax 613 632-5246

649.5111
Job Sheet 187911



Part No: 649.5111

Job Qty: 4 pcs

Part Name: LH Wiper Deflector



Part Weight: 0 lbs

Status: New

Priority: Medium

Job Created: 12/20/18

Job Tracking No:

Due Date: 1/25/19

Created By: Marie Lajeunesse

Type: SOLD

Description:

Note: 649.5100 REV.D IPP REV:A NEW ISSUE 13-10-23 JLM VERIFIED BY:DD IPP REV:B 17.11.20 AS PER DWG
REV.C DD VERF:RQ IPP REV:C 18.03.28 AS PER DWG REV.D DD VERF:JFS

Ship Via:

Bill of Materials

Job Routing

Op No	Operation	Qty	Start Date	Due Date	Standard		Workcenter/Supplier	Sign-off
					Setup Hrs	Run Hrs	Workcenter / Supplier Lead Time	
100	Bandsaw - 1	4 pcs	1/25/19	1/25/19	0.00	1.00	Bandsaw - 1	19-03-08
110	HAAS 5 Axis - B4B	4 pcs	1/25/19	1/25/19	0.00	57.14	HAAS - 5 - B4B	19-03-11
120	QC 2	4 pcs	1/25/19	1/25/19	0.00	0.00	QC 2 - 1	
							QC 2 - 12	
							QC 2 - 14	
							QC 2 - 17	
							QC 2 - 19	
							QC 2 - 2	
							QC 2 - 20	19-03-11
							QC 2 - 22	
							QC 2 - 23	
							QC 2 - 25	
							QC 2 - 32	
							QC 2 - 33	
							QC 2 - 35	
							QC 2 - 38	
							QC 2 - 39	
							QC 2 - 4	
							QC 2 - 40	
							QC 2 - 44	
							QC 2 - 45	
							QC 2 - 48	
							QC 2 - 49	
							QC 2 - 50	
							QC 2 - 51	
							QC 2 - 52	
							QC 2 - 54	
							QC 2 - 56	
							QC 2 - 57	
							QC 2 - 62	



Container No: S160721



Part: 649.5111

Job No: 187911

Serial No/Batch: S160721

Revision: D

Inspector:

Exp Date:

Instructions:

Dart Aerospace Ltd.
1270 Aberdeen Street
Hawkesbury, ON K6A 1K7
CANADA
TEL.: 1 613 632-5200
Email: sales@dartaero.com
www.dartaerospace.com

Date: 03/08/19

					QC 2 - 63		
					QC 2 - 8		
130	QC 8	4 pcs	1/25/19	0.00	0.00	QC 8 - 12	
						QC 8 - 14	
						QC 8 - 17	
						QC 8 - 20	
						QC 8 - 25	
						QC 8 - 3	
						QC 8 - 32	
						QC 8 - 33	
						QC 8 - 35	
						QC 8 - 38	
						QC 8 - 39	
						QC 8 - 4	
						QC 8 - 44	
						QC 8 - 45	
						QC 8 - 49	
						QC 8 - 58	
						QC 8 - 8	
						QC 8 - 9	
						QC 8 - 68	
						QC 8 - 67	
						QC 8 - 1 (A)	
140	Outsource - 4 - Anodize	4 pcs	1/25/19			ATG001-VC	8
150	Packaging 2-1 - Receive - B4B	4 pcs	1/25/19	0.00	0.00	Packaging 2 - 1 - B4B	
						Packaging 2 - 2 - B4B	
						Packaging 2 - 3 - B4B	
						Packaging 2 - 5 - B4B	
						Packaging 2 - 4 - B4B	
						Packaging 2 - 6 - B4B	
						Packaging 2 - 7 - B4B	
						Packaging 2 - 8 - B4B	
						Packaging 2 - 9 - B4B	
						Packaging 2 - 10 - B4B	
						Packaging 2 - 11 - B4B	
						Packaging 2 - 12 - B4B	
						Packaging 2 - 13 - B4B	
						Packaging 2 - 14 - B4B	
						Packaging 2 - 15 - B4B	
						Packaging 2 - 16 - B4B	
						Packaging 2 - 17 - B4B	
						Packaging 2 - 18 - B4B	
						Packaging 2 - 19 - B4B	
						Packaging 2 - 20 - B4B	
						Packaging 2 - 21 - B4B	
						Packaging 2 - 22 - B4B	
						Packaging 2 - 23 - B4B	
						Packaging 2 - 24 - B4B	
						Packaging 2 - 25 - B4B	
						Packaging 2 - 26 - B4B	
						Packaging 2 - 27 - B4B	
						Packaging 2 - 28 - B4B	
						Packaging 2 - 29 - B4B	
						Packaging 2 - 30 - B4B	
						Packaging 2 - 31 - B4B	
						Packaging 2 - 32 - B4B	
						Packaging 2 - 33 - B4B	
						Packaging 2 - 34 - B4B	
						Packaging 2 - 35 - B4B	
				Plex 1/22/19 3:57 PM Dart.Hadley.Shannon			

155	QC 5	4 pcs	1/25/19	0.00	0.00	Packaging 2 - 36 - B4B	
						QC 5 - 10	
						QC 5 - 12	
						QC 5 - 17	
						QC 5 - 18	
						QC 5 - 19	
						QC 5 - 22	
						QC 5 - 24	
						QC 5 - 3	
						QC 5 - 38	
						QC 5 - 42	
						QC 5 - 43	
						QC 5 - 49	
						QC 5 - 51	
						QC 5 - 58	
						QC 5 - 68	MAR 22 2019
						QC 5 - 9	
						QC 5 - 50	
							DAS 68 9-89

2- deburr and break all sharp edges

120 - QC2- Inspect parts off machine FAI/FAIB)

130 - QC8- Inspect parts - second check

140 - Outsource process-Anodize per QSI017 4.1.10.1 - Issue P/O to ATG : _____ AS PER DWG 649.5100 1-Black Anodize as per 2- PRIME AS PER DWG, SEE NOTE #2 Certification of Conformity is required

150 - Receive & Inspect for Damage & Mat'l Certs

155 - QC5- Inspect part completeness to step on W/O

180 - Identify as per dwg & Stock Location: _____ ***IDENTIFY AS PER APICAL MPP-120 BY STAMPING P# AND REV***

190 - QC21- Final Inspection - Work Order Release

Job BOM

Part / Item	Component Name	Quantity	Operation	Container
M7075T6S4.500X5.000	7075-T6S Sheet 4.500" Thick X 5.000" Wide	2.4560 ft (.614 ea) 2.532 (.633)	100-Bandsaw - 1	5044211

Job Allocations

Operation	Component Part	Required	Inventory	Allocated
100-Bandsaw - 1	M7075T6S4.500X5.000	2	13	0

Part Specifications

Specifications could not be found.

Plex 1/22/19 3:57 PM Dart.Hadley.Shannon



Dart Aerospace Ltd.
1270 Aberdeen St
Hawkesbury, ON
K6A 1K7
Canada

Tel (613) 632-5200
Fax 613 632-5246

649.5111

Job Sheet 187911



Part No: 649.5111

Job Qty: 4 ea

Part Name: LH Wiper Deflector



Part Weight: 0 lbs

Status: New

Priority: Medium

Job Created: 12/20/18

Job Tracking No:

Due Date: 1/25/19

Created By: Marie Lajeunesse

Type: SOLD

Description:

Note: 649.5100 REV.D IPP REV:A NEW ISSUE 13-10-23 JLM VERIFIED BY:DD IPP REV:B 17.11.20 AS PER DWG REV.C DD VERF:RQ IPP REV:C 18.03.28 AS PER DWG REV.D DD VERF:JFS

Ship Via:

Bill of Materials

Job Routing

Op No	Operation	Qty	Start Date	Due Date	Standard		Workcenter/Supplier		Sign-off
					Setup Hrs	Run Hrs	Workcenter / Supplier	Lead Time	
90	Start up Operation	4 Ea		1/25/19	0.00	0.00	Start Up Machining-1		
100	Bandsaw	4 pcs		1/25/19	0.00	1.00	Bandsaw1		
110	CNC Vertical Machining	4 pcs		1/25/19	0.00	57.14	HAAS 5 Axis		
120	QC	4 pcs		1/25/19	0.00	0.00	QC2		
130	QC	4 pcs		1/25/19	0.00	0.00	QC8 Machining-1		
140	Outsource	4 pcs		1/25/19			ATG001-VC	8	
150	Packaging	4 pcs		1/25/19	0.00	0.00	Packaging2		
155	QC	4 pcs		1/25/19	0.00	0.00	QC5		
180	Packaging	4 pcs		1/25/19	0.00	0.00	Packaging3-1		
190	QC21-SA	4 Ea		1/25/19	0.00	0.00	QC21		

Part Op 100 - Cut Blank at 7.50"

Descriptions: 110 - 1-Machine per folio Fb351 DWG REV: _____ FOLIO REV: _____ 2- deburr and break all sharp edges

140 - Issue P/O to ATG : _____ AS PER DWG 649.5100 1- Black Anodize as per 2- PRIME AS PER DWG, SEE NOTE #2 Certification of Comformity is required

180 - ***IDENTIFY AS PER APICAL MPP-120 BY STAMPING P# AND REV***

Job BOM

Part / Item	Component Name	Quantity	Operation	Container
M7075T6S4.500X5.000	7075-T6S Sheet 4.500" Thick X 5.000" Wide	2.4560 ft (.614 ea)	90-Start up Operation	

Job Allocations

Operation	Component Part	Required	Inventory	Allocated
90-Start up Operation	M7075T6S4.500X5.000	2	13	0

Part Specifications

Specifications could not be found.

Entered: _____ Date: _____



WORK ORDER NON-CONFORMANCE / ROUTE UPDATE

NCR No. _____

Route update only ☐

Job: _____ Part No. _____	DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐	DEPARTMENT/PROCESS Skid-tube ☐ Machining ☐ Large Fab ☐ Cross tube ☐ Small Fab ☐ Finishing ☐ Eng. (Non-AW) ☐ Prod. Eng. Coord. ☐ Rec/Store/Packaging ☐ Engineering ☐ Water Jet ☐ Supplier ☐ Quality ☐			
Date :	Sequence #:	QTY Affected :		MRB (QSI042)	
Description Work Order Deviation		Disposition		Completed By	
				Lead hand / Supervisor	
				QC / QA Coordinator	
Root Cause Operator ☐ Manufacturing Process ☐ Equip/Tooling ☐ Handling/Preservation ☐ Material ☐ Product Improvement ☐ Process Improvement ☐ Human Factors ☐		FAULT CATEGORY ☐ Pressure/Forced ☐ Bending ☐ Crushing ☐ Cracks ☐ Crimp/Kink/Ripple/Wave/Twist ☐ Marks/Chatter ☐ Mislabeled ☐ Contamination ☐ Misaligned/off center ☐ BOM/Route ☐ Broken/Damage/Defect ☐ Incomplete/Unclear Instructions ☐ Drill Holes ☐ Fit/Function ☐ Power Loss/Surge ☐ Folio/Program ☐ Grain Direction ☐ Weld ☐ Wrong Stock Pulled ☐ Out of Sequence ☐ Off-set/Set-up ☐ Positioned Wrong ☐ Outside Tolerance ☐ Drawing ☐ Finish ☐ Part Lost/Missing ☐ Misread			
Other/Details:					



APICAL INDUSTRIES, INC.
dba DART AEROSPACE

ENGINEERING CHANGE NOTICE NO.

05929

SHEET 1 OF 2

DWG NO. 649.5100

REV: C

PREPARED
BY

M. BELLAVANCE

DATE: 02/06/18

EFFECT ON DWG

☒ INC. ☐ UNINC.

DWG TITLE: WIPER DEFLECTORS

APPROVED BY:

ENGR

MFG

QC

EFF.

NEXT ORDER

TRANSACTION CODES (TC):

A-ADD
R-REVISE

C-CREATE
D-DELETE

REASON: CREATED 649.5113 & SHEET 3; REVISED 649.5111/.5112

ECR:

18-013

SHEET 1, ZONE A1 WAS:

NOTES:

- 1 MATERIAL : ALUMINUM 7075-7651 PER AMS-QQ-A-250/12.
- 2 FINISH: ANODIZE AND PRIME PER MPP-172 SECTIONS 2.1 & 4.3.
- 3 PART CONTROLLED BY CAD MODEL
FILE NAME: 649.5101 WIPER DEFLECTOR.SLDPRD, LAST MODIFIED 12/07/11.
- 4 PART CONTROLLED BY CAD MODEL
FILE NAME: 649.5111 WIPER DEFLECTOR.SLDPRD, LAST MODIFIED 12.26.17.
- 5 PART CONTROLLED BY CAD MODEL
FILE NAME: 649.5111 WIPER DEFLECTOR.SLDPRD, LAST MODIFIED 12.26.17.
6. DEBURR AND BREAK ALL SHARP EDGES.
7. IDENTIFY IAW MPP-120. LASER ETCH P/N REVISION, 12 PT. CENTURY GOTHIC

ACTION ITEM:

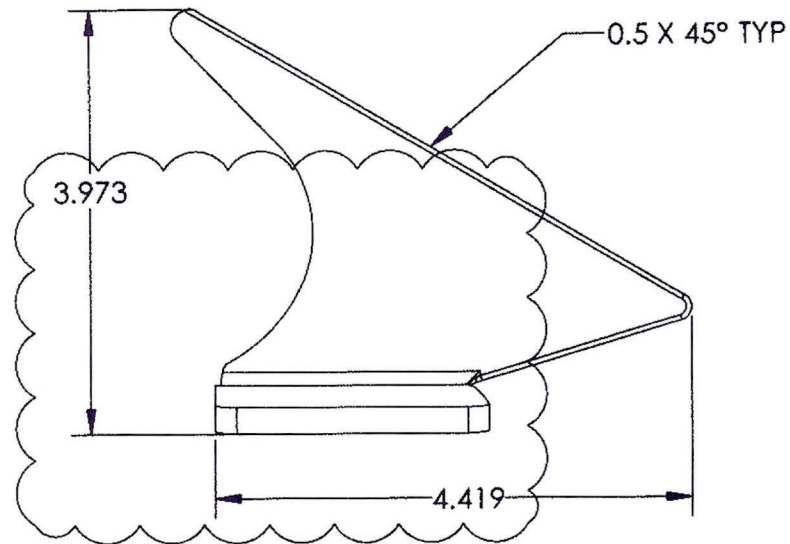
1. SEND UPDATED
DRAWING
PACKAGE.

SHOP COPY
RETURN TO
ENGINEERING
UNCONTROLLED COPY
SUBJECT TO AMENDMENT
WITHOUT NOTICE
WORK ORDER
NO. 187911 MJS
18-12-20

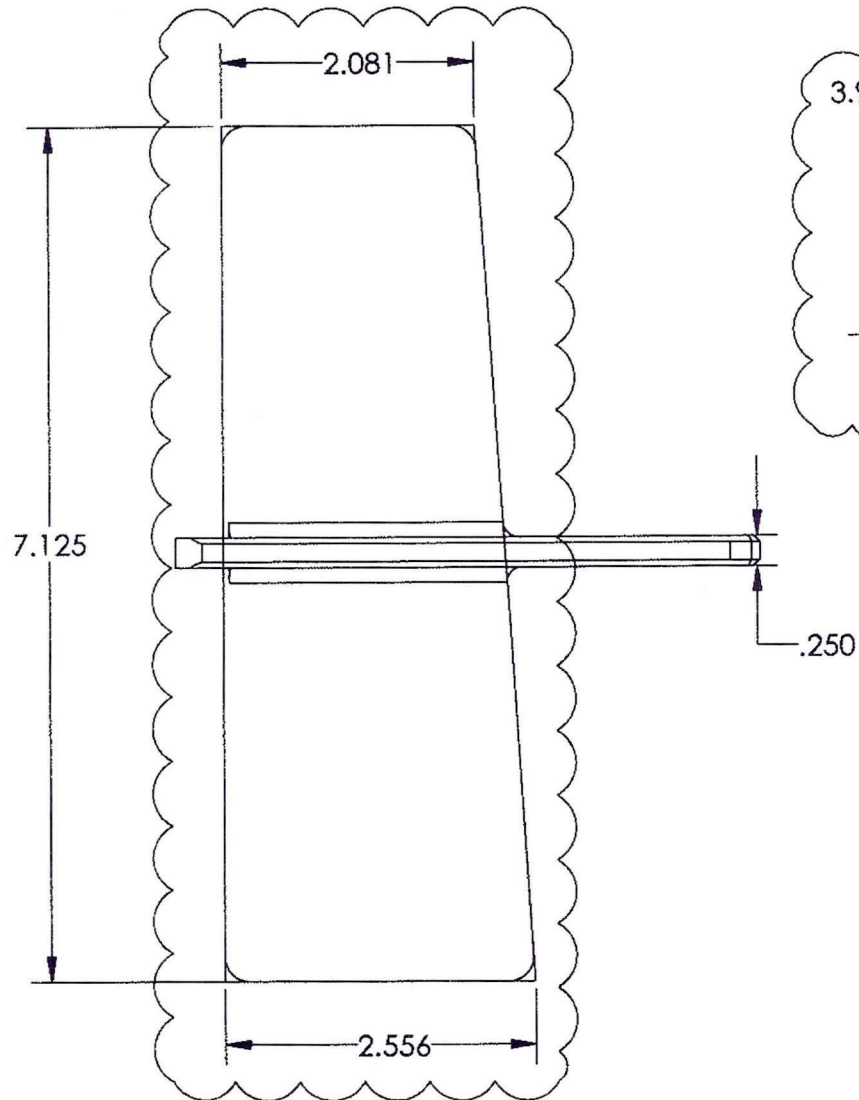
SHEET 1, ZONE D7 IS:

4	C	649.5113			WIPER DEFLECTOR SHIM	1	2 6
F/N	TC	PART NUMBER	QTY		DESCRIPTION	MATERIAL	SPECIFICATION
DOCUMENTS EFFECTED:							
☐ PATTERN ☐ MDL ☒ INSTALL INSTRUCTIONS ☒ ICA ☐ FMS ☒ BOM							
CHANGE CATEGORY						DER REVIEW REQUIRED	
☐ MAJOR ☒ MINOR						☐ YES ☒ NO	

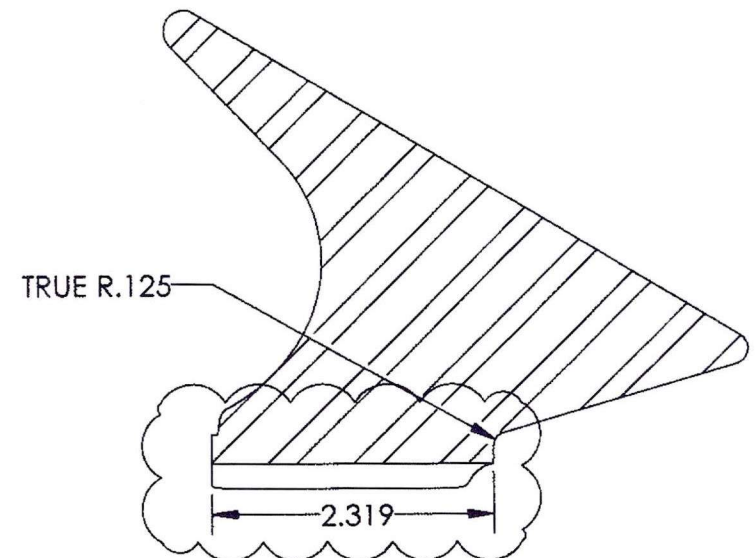
SHEET 2, ZONE B5 WAS:



SHEET 2, ZONE C2 WAS:



SHEET 2, ZONE C7 WAS:



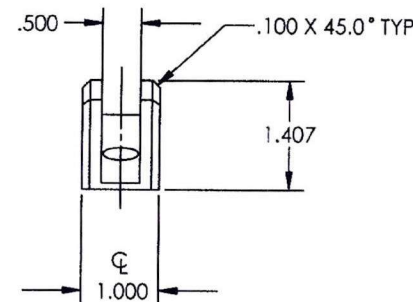
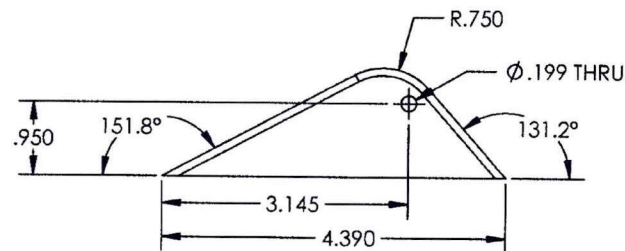
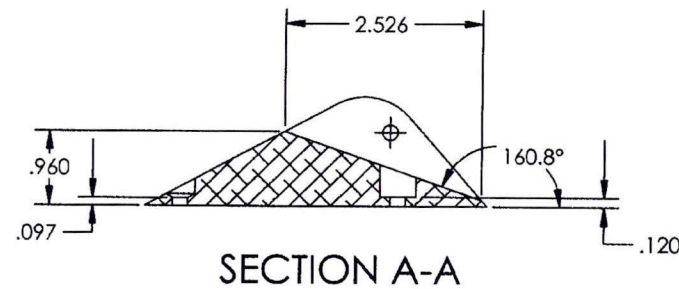
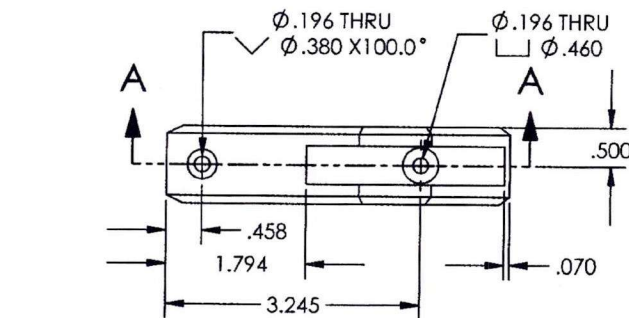
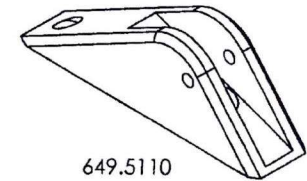
SECTION B-B

THE INFORMATION CONTAINED IN THIS DRAWING IS THE SOLE PROPERTY OF APICAL INDUSTRIES DART AEROSPACE. ANY REPRODUCTION IN PART OR WHOLE WITHOUT THE WRITTEN PERMISSION OF APICAL INDUSTRIES DART AEROSPACE IS PROHIBITED.

NOTES:

- 1 MATERIAL : ALUMINUM 7075-7651 PER AMS-QQ-A-250/12.
- 2 FINISH: ANODIZE AND PRIME PER MPP-172 SECTIONS 2.1 & 4.3.
- 3 PART CONTROLLED BY CAD MODEL
FILE NAME: 649.5110 WIPER DEFLECTOR.SLDPRT, LAST MODIFIED 12/07/11.
- 4 PART CONTROLLED BY CAD MODEL
FILE NAME: 649.5111 WIPER DEFLECTOR.SLDPRT, LAST MODIFIED 02/06/18.
- 5 PART CONTROLLED BY CAD MODEL
FILE NAME: 649.5112 WIPER DEFLECTOR.SLDPRT, LAST MODIFIED 02/06/18.
- 6 PART CONTROLLED BY CAD MODEL
FILE NAME: 649.5113 WIPER DEFLECTOR SHIM.SLDPRT, LAST MODIFIED 02/06/18.
- 7 DEBURR AND BREAK ALL SHARP EDGES.
- 8 IDENTIFY IAW MPP-120. LASER ETCH P/N REVISION, 12 PT. CENTURY GOTHIC

REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
NC	INITIAL RELEASE	12-07-11	P. BRAVO
A	INCORPORATED ECH 03474	04-11-12	P. BRAVO
B	INCORPORATED ECH 03525, 03530	08-26-17	P. BRAVO
C	INCORPORATED ECH 03677	10-26-17	P. BRAVO
D	INCORPORATED ECH 03929	02-06-18	P. BRAVO



QTY	FIND #	PART #	DESCRIPTION	MATL	SPEC.
	4	649.5113	WIPER DEFLECTOR SHIM	△	△△△
	3	649.5112	RH WIPER DEFLECTOR	△	△△△
	2	649.5111	LH WIPER DEFLECTOR	△	△△△
	1	649.5110	WIPER DEFLECTOR	△	△△△
PARTS LIST					
NEXT ASSY (S)					
649.4700					
ORIGINAL DATE 12-07-11					
DRAWN BY A. GUAN					
CHECKED P. BRAVO					
DRAWING APPROVAL					
1. BRAVO					
12-07-11					
CONTRACT NO.					
UNLESS OTHERWISE SPECIFIED					
DIMENSIONS ARE IN INCHES					
TOLERANCES ARE:					
2 PLACE DECIMALS ±.01					
3 PLACE DECIMALS ±.005					
ANGLES ±.2°					
SCALE NONE					
SHEET 1 OF 3					

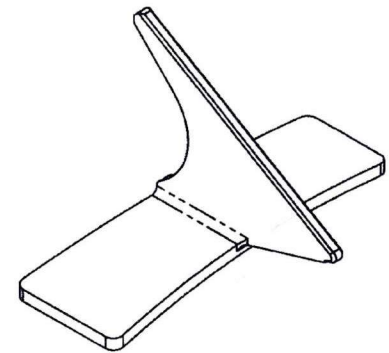
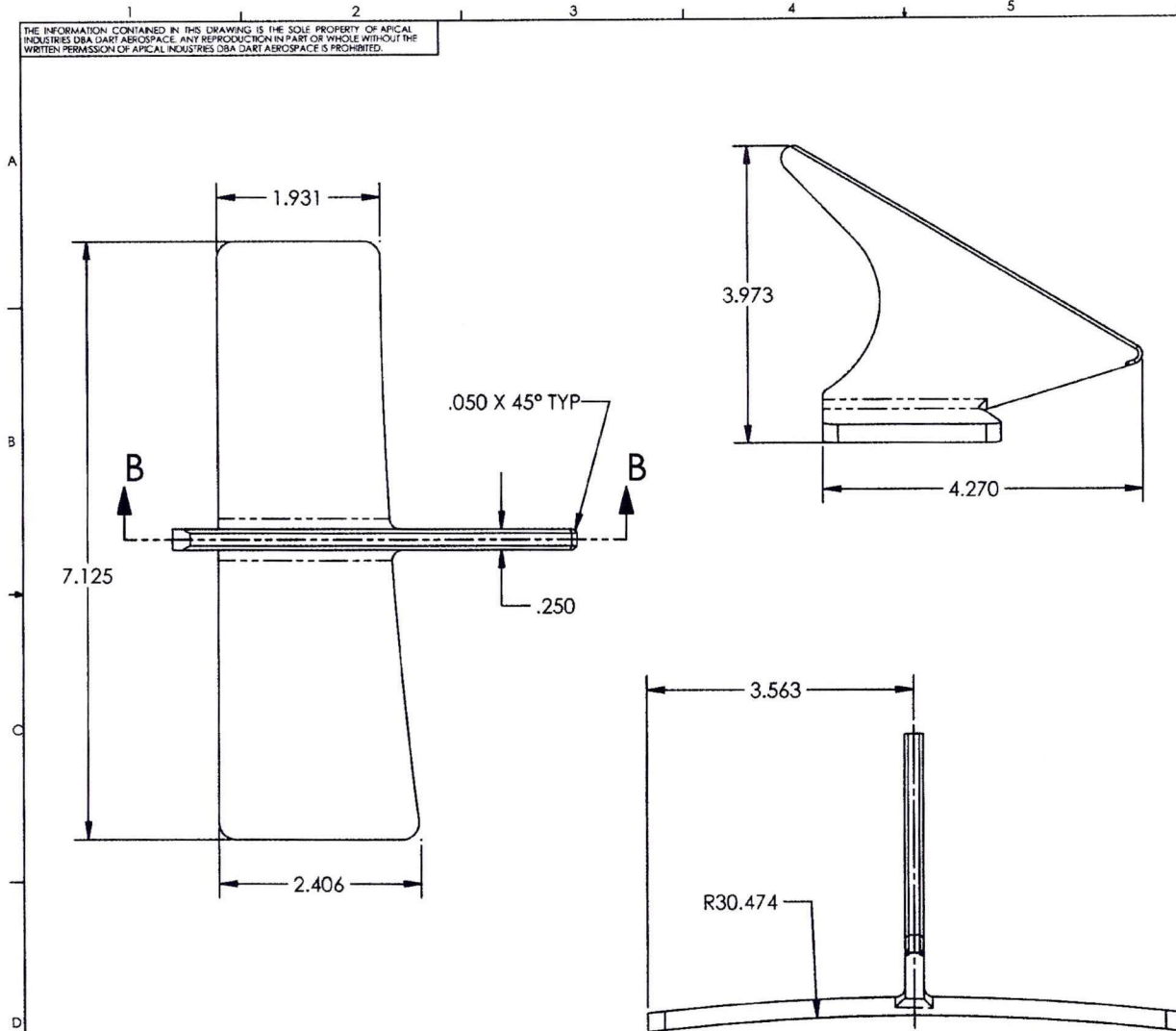
DART AEROSPACE 3030 ENTERPRISE CT., SUITE A
VISTA, CA 92081
(760)-724-5300

APICAL INDUSTRIES INC.
8805 DART AEROSPACE

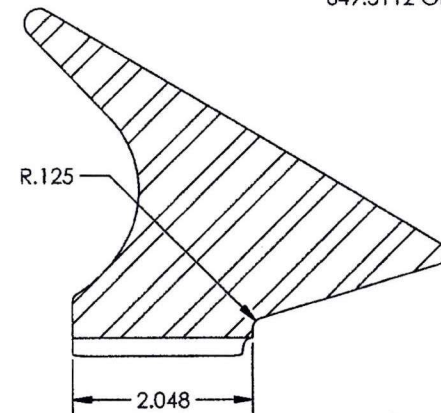
WIPER DEFLECTORS

REV. D
CAGE CODE 649.5100
DWG. NO. 649.5100
SCALE NONE

THE INFORMATION CONTAINED IN THIS DRAWING IS THE SOLE PROPERTY OF APICAL INDUSTRIES DBA DART AEROSPACE. ANY REPRODUCTION IN PART OR WHOLE WITHOUT THE WRITTEN PERMISSION OF APICAL INDUSTRIES DBA DART AEROSPACE IS PROHIBITED.



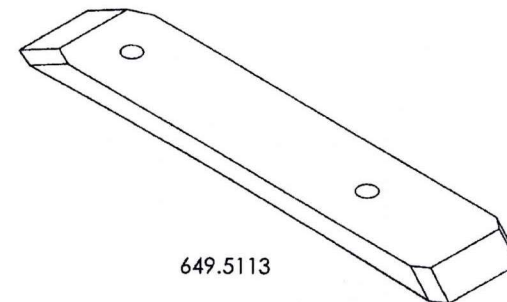
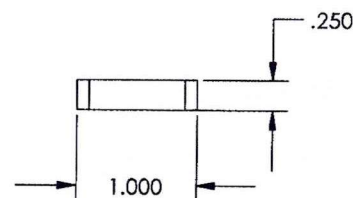
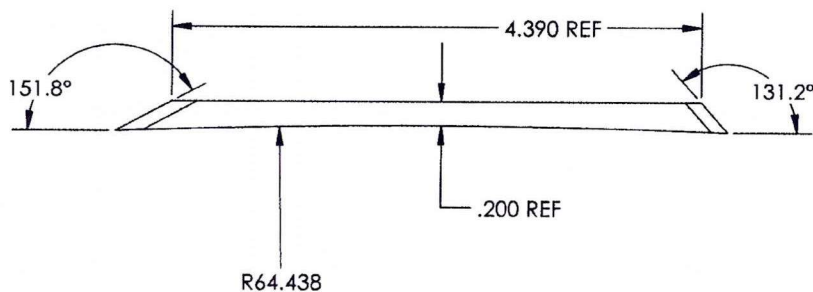
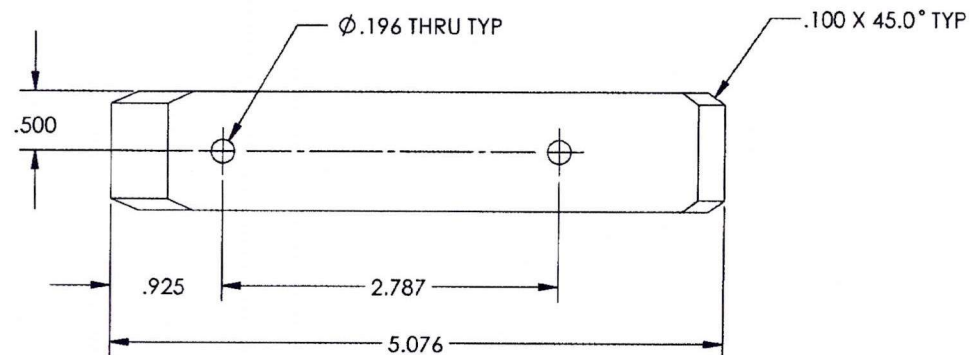
649.5111 SHOWN
649.5112 OPPOSITE



SECTION B-B

ORIGINAL DATE (MM-DD-YY) 12-27-11		DART 3030 ENTERPRISE CT., SUITE A VISTA, CA 92081 (760)-724-5300	
DRAWN BY A. OMAN	CHECKED BY P. BRAVO		
DRAWING APPROVAL P. BRAVO (12-27-11)		APICAL INDUSTRIES, INC. DBA DART AEROSPACE	
CONTRACT NO.		WIPER DEFLECTORS	
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ARE: 2 PLACE DECIMALS ±.01 3 PLACE DECIMALS ±.005 ANGLES ±.5°			
SEE B	CAGE CODE 07MZ6	DWG. NO. 649.5100	REV. D
SCALE NONE		SHEET 2 OF 3	

THE INFORMATION CONTAINED IN THIS DRAWING IS THE SOLE PROPERTY OF APICAL INDUSTRIES DBA DART AEROSPACE. ANY REPRODUCTION IN PART OR WHOLE WITHOUT THE WRITTEN PERMISSION OF APICAL INDUSTRIES DBA DART AEROSPACE IS PROHIBITED.



649.5113

ORIGINAL DATE (B/C/D-Y-M-D)		12-05-11	
DRAWN BY A. QUAN		CHECKED P. BRAVO	
DRAWING APPROVAL P. BRAVO (S/C)			
CONTRACT NO.			
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ARE: 2 PLACE DECIMALS $\pm .01$ 3 PLACE DECIMALS $\pm .005$ ANGLES $\pm .5^\circ$			
SHEET B	CAGE CODE 07M26	DWG. NO. 649.5100	REV. D
SCALE NONE		SHEET 3 OF 3	

DART 3030 ENTERPRISE CT., SUITE A
AEROSPACE VISTA, CA 92081
APICAL INDUSTRIES, INC. (DBA DART AEROSPACE)
(760)-724-5300

WIPER DEFLECTORS



Dart Aerospace Ltd.
1270 Aberdeen St
Hawkesbury, ON
K6A 1K7
Canada

Tel (613) 632-5200

PURCHASE ORDER PO042861



Supplier: ATG001-VC
A.T.G. Industries Inc
760 INDUSTRIELLE ROAD
ROCKLAND
ON
K4K 1T2 Canada
Phone: 613-446-4544
Fax: 613-446-4556

Attention: Lalande, Marc-Andre

Ship To: 1270 Aberdeen Street
Hawkesbury
ON
K6A 1K7 Canada
Phone: 613-632-5200

PO No: PO042861
PO Date: 3/12/19
Due Date: 3/15/19
**Purchase Order
Revision:**
Revision Date:
Ship-To Contact: Phone:

Via: Ground
Pymt Terms: Net 30
Freight Terms:
Special Comments:

Items

Line Item	Job	Part	Description	Status	Account	Due Date	Order Quantity	Received Quantity	Balance	Unit Price (CAD)	Extended Price
1	191750	RBE350A94-3700-C-07	Top -Issue P/O: PO -ANODIZE COLOR RED, PER IAW MIL-A-8625 TYPE-2 CLASS-2, Water sealant As Per Dwg RBE350A94-3700-C-07 Rev 6 -Certificate of Conformity is required	Firmed	-	3/15/19	32 pcs	0 pcs	32 pcs	\$4.75/pcs	\$152.00
2	188120	RBEVR-L11-0010-003-B	Spacer -Issue P/O: -ANODIZE COLOR CLEAR, PER IAW MIL-A-8625F TYPE 2 CLASS 1, Water sealant -Material type; 6061T6 -Certificate of Conformity is required	Firmed	-	3/15/19	2 pcs	0 pcs	2 pcs	\$4.75/pcs	\$9.50
3	190357	647.4113	Clip (Outsource process-Anodize per QSI017 4.1.10.1) HARD ANODIZE, COLOR BLACK AS PER DWG.(SEE NOTE 2)	Firmed	-	3/15/19	10 pcs	0 pcs	10 pcs	\$8.08/pcs	\$80.80
4	190842	647.1711	Plate (Outsource process-Anodize per QSI017 4.1.10.1) Issue P/O to ATG :	Firmed	-	3/15/19	7 pcs	0 pcs	7 pcs	\$31.33/pcs	\$219.31
5	191106	647.3916	Deflector Issue P/O to ATG : Hard Anodize Color Black, Prime as per Dwg 647.3900 Rev. C	Firmed	-	3/15/19	9 pcs	0 pcs	9 pcs	\$19.18/pcs	\$172.62

Plex 3/19/19 4:42 PM dart.Lussier.Patrick



Dart Aerospace Ltd.
1270 Aberdeen St
Hawkesbury, ON
K6A 1K7
Canada

Tel (613) 632-5200

PURCHASE ORDER PO042861



Items

Line Item	Job	Part	Description	Status	Account	Due Date	Order Quantity	Received Quantity	Balance	Unit Price (CAD)	Extended Price
6	190870	646.9910	Struts Issue P/O to ATG : _____ Hard Anodize, Color Black and Prime as per Dwg 646.9900 rev. N/C	Firmed -		3/15/19	16 pcs	0 pcs	16 pcs	\$12.98/pcs	\$207.68
7	187695	647.4110	Doubler Issue P/O to ATG : _____ 1- Black Anodize as per Dwg 647.4100	Firmed -		3/15/19	5 pcs	0 pcs	5 pcs	\$24.33/pcs	\$121.65
8	187911	649.5111	LH Wiper Deflector Outsource process-Anodize per QSI017 4.1.10.1 - Issue P/O to ATG : _____ AS PER DWG 649.5100 1- Black Anodize as per 2- PRIME AS PER DWG, SEE NOTE #2 Certification of Comformity is required	Firmed -		3/15/19	4 pcs	0 pcs	4 pcs	\$17.38/pcs	\$69.52
9	190719	647.2011	Lower Strut Issue P/O: _____ ANODIZE AS PER DWG Finish: HARD ANODIZE IAW MIL- A-8625 TYPE III, CLASS 2, COLOUR BLACK PRIME IAW MIL- P-23377J TYPE I CLASS N	Firmed -		3/15/19	6 pcs	0 pcs	6 pcs	\$14.48/pcs	\$86.88
10	190716	646.3814	Wiper Bracket Issue P/O to ATG: _____ AS PER MPP-172 SECTION 2.1, HARD ANODIZE COLOR BLACK, PER IAW MIL-A-8625 TYPE 3 CLASS 2 AS PER MPP-172 SECTION 4.3, PRIME CARDINAL 7760-4702 LOW VOC EPOXY PRIMER (LIGHT GRAY) Certification of Conformity is required	Firmed -		3/15/19	12 pcs	0 pcs	12 pcs	\$7.18/pcs	\$86.16
11	191738	647.2010	Upper Strut Outsource process-Anodize per QSI017 4.1.10.1 Issue P/O: _____ ANODIZE AS PER DWG	Firmed -		3/15/19	12 pcs	0 pcs	12 pcs	\$14.48/pcs	\$173.76
Grand Total:											\$1,379.88



Dart Aerospace Ltd.
1270 Aberdeen St
Hawkesbury, ON
K6A 1K7
Canada

Tel (613) 632-5200

PURCHASE ORDER

PO042861



Order Notes

Procurement Quality Clauses

A005 right of entry
A012 chemical and physical test report
A016 personnel qualification
A017 raw material identification (as applicable)

A022 Apical Processing
A024 process certifications
A026 certification of material conformance

A041 quality management system
A042 dart notification by supplier
A043 retention of quality documents

A048 counterfeit parts avoidance, detection, mitigation and disposition program

A049 supplier awareness

Terms & Condition of Purchasing(Suppliers) and Procurement Quality Clauses are an integral part of our AS9100 requirements. To learn in detail, please visit www.dartaerospace.com for further explanation.

Plex 3/19/19 4:42 PM dart.Lussier.Patrick



A.T.G. Industries Inc.
760 Industrielle Street
Rockland, ON K4K 1T2
Canada

Ph: (613) 446-4544

Fax: (613) 446-4556

Pack List

Number: 917501

Date: 20-Mar-19

To

Dart Aerospace Ltd
1270 Aberdeen St
Hawkesbury, ON K6A 1K7

Ship To

Patrick Lussier
Dart Aerospace Ltd
1270 Aberdeen St
Hawkesbury, ON K6A 1K7

Ph: 613 632-9577

Fax: 613 632-1053

Ph: 613 632-9577

Fax: 613 632-1053

Terms		Ship Via	
		ATG Delivery	
Quantity	Description		
	Please reference this document's Pack List number on all correspondences regarding this shipment. If you have any questions, please contact us.		
12 ea	Part: 646.3814 Wiper Bracket Hard Black Anodize per MIL-A-8625F, Type III, Class 2, .0005-.0045" (.5 - 4.5mils) Prime per MIL-PRF-23377, Type I, Class N (Customer Supplied), .0006-.0009" (.6 - .9 mils) per drawing. Job: 24782	Rev: N/C PO: PO042861	Line: 10
7 ea	Part: 647.1711 Plate Hard Anodize, Type III, Class 2, Black (MIL-A-8625) Primer, MIL-P-23377J, TYPE 1, CLASS N Job: 24776	Rev: E PO: PO042861	Line: 4
9 ea	Part: 647.3916 Deflector Hard Black Anodize per MIL-A-8625F, Type III, Class 2, .0005-.0045" (.5 - 4.5mils) Prime per MIL-PRF-23377, Type I, Class N (Customer Supplied), .0001-.0002" (.1 - .2 mils) per drawing. Job: 24777	Rev: C PO: PO042861	Line: 5
4 ea	Part: 649.5111 LH Wiper Deflector Hard Black Anodize per MIL-A-8625F, Type III, Class 2, .0005-.0045" (.5 - 4.5mils) Prime per MIL-PRF-23377, Type I, Class N (Customer Supplied), .0006-.0009" (.6 - .9 mils) per drawing. Job: 24780	Rev: D PO: PO042861	Line: 8
CERTIFICATE OF CONFORMANCE A.T.G Industries Inc. certifies that all items in this shipment conform to the requirements. Date: <u>MAR 20 2019</u> Certified Signature: <u>[Signature]</u> Made in Canada.			



A.T.G. Industries Inc.
760 Industrielle Street
Rockland, ON K4K 1T2
Canada

Ph: (613) 446-4544

Fax: (613) 446-4556

Pack List

Number: 917501

Date: 20-Mar-19

To

Dart Aerospace Ltd
1270 Aberdeen St
Hawkesbury, ON K6A 1K7

Ship To

Patrick Lussier
Dart Aerospace Ltd
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Hawkesbury, ON K6A 1K7

Ph: 613 632-9577

Fax: 613 632-1053

Ph: 613 632-9577

Fax: 613 632-1053

Terms		Ship Via	
		ATG Delivery	
Quantity	Description		
	Receiver Signature: _____ A.T.G Industries Inc. is AS9100 Registered and Nadcap Chemical Processing Accredited. Note: This Packing Slip may contain parts that have been PLATED. Items that are plated may be subject to natural tarnishing and it is suggested that they be inspected within 24 hours of receipt.		
	Made in Canada.		